

## Exhibit D

|       |    |      |     |    |          |          |            |
|-------|----|------|-----|----|----------|----------|------------|
| c 972 | 15 | 11.5 | 621 | 3  | BJ000407 | BJ000407 | BJ000407   |
| 973   | 15 | 11.5 | 621 | 10 | AG154749 | AG154749 | Pan trogl  |
| c 974 | 15 | 11.5 | 622 | 7  | CO975252 | CO975252 | BeG90N14D  |
| 975   | 15 | 11.5 | 622 | 9  | CC320741 | CC320741 | TAM32-27I  |
| 976   | 15 | 11.5 | 622 | 10 | CW486802 | CW486802 | fsbb001f2  |
| c 977 | 15 | 11.5 | 623 | 5  | BU485028 | BU485028 | 603468742  |
| 978   | 15 | 11.5 | 623 | 9  | BZ296703 | BZ296703 | CG2995.f1  |
| 979   | 15 | 11.5 | 625 | 2  | BF736045 | BF736045 | QV1-KT002  |
| c 980 | 15 | 11.5 | 625 | 3  | BJ360684 | BJ360684 | BJ360684   |
| c 981 | 15 | 11.5 | 625 | 3  | BM284728 | BM284728 | kh98d07.y  |
| 982   | 15 | 11.5 | 625 | 9  | AZ991840 | AZ991840 | 2M0276F14  |
| c 983 | 15 | 11.5 | 626 | 5  | BW348156 | BW348156 | BW348156   |
| 984   | 15 | 11.5 | 626 | 5  | BY718620 | BY718620 | BY718620   |
| 985   | 15 | 11.5 | 626 | 6  | CA219540 | CA219540 | SCRUFL402  |
| 986   | 15 | 11.5 | 627 | 6  | CA954065 | CA954065 | kl38b07.y  |
| c 987 | 15 | 11.5 | 628 | 3  | BJ004249 | BJ004249 | BJ004249   |
| c 988 | 15 | 11.5 | 628 | 3  | BJ392917 | BJ392917 | BJ392917   |
| 989   | 15 | 11.5 | 629 | 2  | BB538959 | BB538959 | BB538959   |
| c 990 | 15 | 11.5 | 629 | 3  | BJ421198 | BJ421198 | BJ421198   |
| c 991 | 15 | 11.5 | 629 | 6  | CD909348 | CD909348 | G468.112G  |
| c 992 | 15 | 11.5 | 629 | 10 | CE691139 | CE691139 | tigr-gss-  |
| c 993 | 15 | 11.5 | 630 | 7  | CK528281 | CK528281 | rswfa0_00  |
| 994   | 15 | 11.5 | 630 | 9  | BH484323 | BH484323 | BOHNU05TR  |
| 995   | 15 | 11.5 | 631 | 1  | AV912829 | AV912829 | AV912829   |
| 996   | 15 | 11.5 | 631 | 3  | BJ759512 | BJ759512 | BJ759512   |
| c 997 | 15 | 11.5 | 631 | 8  | DR996431 | DR996431 | Mdlr;7007A |
| c 998 | 15 | 11.5 | 632 | 3  | BJ002454 | BJ002454 | BJ002454   |
| 999   | 15 | 11.5 | 632 | 7  | CF894263 | CF894263 | A0133C11-  |
| 1000  | 15 | 11.5 | 632 | 7  | CN262348 | CN262348 | 170006000  |

## ALIGNMENTS

RESULT 1  
AA878312

LOCUS AA878312 766 bp mRNA linear EST 21-APR-1998

DEFINITION oe61f09.s1 NCI\_CGAP\_Lu5 Homo sapiens cDNA clone IMAGE:1416137 3' similar to gb:M18391 TYROSINE-PROTEIN KINASE RECEPTOR EPH PRECURSOR (HUMAN);, mRNA sequence.

ACCESSION AA878312

VERSION AA878312.1 GI:2987277

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 766)

AUTHORS NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.

TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

JOURNAL Unpublished (1997)

COMMENT Contact: Robert Strausberg, Ph.D.  
Email: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)  
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.  
cDNA Library Preparation: M. Bento Soares, Ph.D.  
cDNA Library Arrayed by: Greg Lennon, Ph.D.  
DNA Sequencing by: Washington University Genome Sequencing Center  
Clone distribution: NCI-CGAP clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:  
 www-bio.llnl.gov/bbrp/image/image.html  
 Insert Length: 712 Std Error: 0.00  
 Seq primer: -40ml3 fwd. ET from Amersham  
 High quality sequence stop: 270.

FEATURES  
 source Location/Qualifiers  
 1. .766  
 /organism="Homo sapiens"  
 /mol\_type="mRNA"  
 /db\_xref="taxon:9606"  
 /clone="IMAGE:1416137"  
 /tissue\_type="carcinoid"  
 /lab\_host="DH10B"  
 /clone\_lib="NCI\_CGAP\_Lu5"  
 /note="Organ: lung; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from neuroendocrine lung carcinoid, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaldo. "

## ORIGIN

Query Match 100.0%; Score 131; DB 1; Length 766;  
 Best Local Similarity 100.0%; Pred. No. 2.7e-67;  
 Matches 131; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGGTGCCCGGGCAATTTGATTACCAACTGCGTGAGGTCCCAGCGGCCGAGTGGAATACA 60  
 ||||||||||||||||||  
 Db 225 TGGTGCCCGGGCAATTTGATTACCAACTGCGTGAGGTCCCAGCGGCCGAGTGGAATACA 284  
 Qy 61 GACCTAGTGTTCACGCTATCGATTGGAGTCACGCATGTAGGTTTTCTACGGTATGGCAT 120  
 ||||||||||||||||||  
 Db 285 GACCTAGTGTTCACGCTATCGATTGGAGTCACGCATGTAGGTTTTCTACGGTATGGCAT 344  
 Qy 121 CGGACACACTA 131  
 |||||||||  
 Db 345 CGGACACACTA 355

## RESULT 2

CN037544

LOCUS CN037544 733 bp mRNA linear EST 29-MAR-2004

DEFINITION nm\_22.2\_k6\_t3\_ Math Ambystoma mexicanum cDNA, mRNA sequence.

ACCESSION CN037544

VERSION CN037544.1 GI:45807915

KEYWORDS EST.

SOURCE Ambystoma mexicanum (axolotl)

ORGANISM Ambystoma mexicanum

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Amphibia; Batrachia; Caudata; Salamandroidea; Ambystomatidae;  
 Ambystoma.

REFERENCE 1 (bases 1 to 733)

AUTHORS Putta,S., Smith,J.J., Walker,J.A., Rondet,M., Weisrock,D.,  
 Monaghan,J., Samuels,A.K., Kump,K., King,D.C., Maness,N.J.,  
 Habermann,B., Tanaka,E., Bryant,S.V., Gardiner,D.M., Parichy,D.M.  
 and Voss,S.R.

TITLE From biomedicine to natural history research: EST resources for  
 ambystomatid salamanders

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